

What is claimed is:

1. A surgical system, comprising:
a surgical device comprising a tube having a first lumen and an opening disposed at a distal end thereof, the tube movable between a rear position and a forward position; and
a retractor comprising a shaft, a working head at a distal end of the shaft defining a working space, and at least one manipulator disposed within the working space, the retractor releasably engagable with the surgical device, wherein, when the retractor is engaged with the surgical device and the shaft is in the rear position, the tube is disposed at a location proximal to the at least one manipulator, and wherein, when the retractor is engaged with the surgical device and the tube is in the forward position the tube is disposed beneath at least one manipulator.
2. The system of claim 1, wherein the surgical device comprises an actuator operatively connected to the tube for moving the tube between the rear position and the forward position.
3. The system of claim 1, wherein the surgical device comprises an anvil slidingly disposed in the opening between an open position and a closed position to capture tissue within the opening.
4. The system of claim 1, wherein the surgical device comprises at least one electrode for applying RF energy to tissue captured in the opening.
5. The system of claim 1, wherein the surgical device comprises a cutting blade slidingly disposed in the opening between an open position and a closed position, the cutting blade having a cutting edge to sever tissue captured in the opening.
6. The system of claim 1, wherein the retractor comprises a retractor actuator for rotating the at least one manipulator from a stowed position to an extended position.
7. The system of claim 1, wherein the at least one manipulator comprises a first manipulator and a second manipulator, the second manipulator disposed at a location distal to the first manipulator.

8. A method for severing tissue, the method comprising:
providing a surgical system comprising:
a surgical device comprising a tube having a lumen and an opening disposed at a distal end thereof, the tube movable between a rear position and a forward position, an anvil slidably disposed in the opening between an open position and a closed position to capture tissue within the opening, and at least one electrode for applying RF energy to tissue captured in the opening; and
a retractor comprising a shaft, a working head at a distal end of the shaft defining a working space, and at least one manipulator disposed within the working space, the at least one manipulator movable between a stowed position and an extended position;
the retractor releasably engagable with the surgical device, wherein, when the retractor is engaged with the surgical device, the tube is disposed at a location proximal to the at least one manipulator when the tube is in the rear position and the tube is disposed at a location beneath one of the at least one manipulator when the tube is in the forward position;
engaging the retractor with the surgical device;
moving the manipulator from a stowed position to an extended position to manipulate a vessel;
moving the tube from the rear position to the forward position;
capturing tissue in the opening;
sliding the anvil in the opening to clamp the tissue in the opening;
applying RF energy to the at least one electrode to cauterize the tissue clamped in the opening.
9. The method of claim 8, wherein the surgical device comprises a cutting blade slidably disposed in the opening between an open position and a closed position, the cutting blade having a cutting edge to sever tissue captured in the opening, and comprising the step of sliding the cutting blade in the opening to sever the cauterized tissue.
10. The method of claim 8, wherein the tissue is a side branch of a vessel to be harvested.
11. The method of claim 10, further comprising the step of dissecting tissue from the vessel to be harvested.

12. The method of claim 8, wherein the surgical device comprises an actuator operatively connected to the tube, and the method comprises the step of moving the actuator to move the tube between the rear position and the forward position.

13. The method of claim 12, wherein the actuator is operatively connected to the anvil, and the method comprises the step of moving the actuator to move the anvil between the open position and the closed position.

14. The method of claim 13, wherein the actuator is movably disposed in a handle, the method further comprising the steps of moving the button a first predetermined amount to move the tube between the rear position and the forward position and moving the button a second predetermined amount to further move the anvil between the open position and the closed position.

15. The method of claim 14, comprising the step of moving the button a third predetermined amount to move the cutting blade to cut tissue.

16. The method of claim 15, comprising the step of moving the button a fourth predetermined amount to move the cutting blade to sharply dissect tissue.